

L3605/G9191: MON48076 – ENSURING INCLUSIVENESS AND SERVICE DELIVERY FOR PERSONS WITH DISABILITIES PROJECT

TERMS OF REFERENCE CIVIL ENGINEER – C10

A. BACKGROUND

The Ministry of Labor and Social Protection (MLSP) and Asian Development Bank (ADB) are implementing the project “Ensuring Inclusiveness and Service Delivery for Persons with Disabilities Project” (project) for 2018-2022. The project aims to ensure the inclusiveness of persons with disabilities, improve service at Ulaanbaatar city and provinces, increase employment opportunities for persons with disabilities, and assure their independence and economic contribution. The project has the following components to meet the needs of children with disabilities and persons with disabilities. Component 1: Early identification of children with disabilities strengthened and institutionalized. Component 2: Service delivery for persons with disabilities improved. Component 3: Access to the physical environment improved. Component 4: Work and employment for persons with disabilities improved. Component 5: Strategic development to support with disabilities implemented.

B. FUNCTION Key duties:

1. The civil engineer will assist the EA and the PIU for supervision of contractual performance of the consulting firm to develop detailed designs, and support on recruitment of construction firms to build Development Centers in 6 aimag centers and Employment Resource Center in Ulaanbaatar.
2. The civil engineer will be responsible for supervision of contractual performance of new construction works of Development Centers and Employment Resource Center to be built in 6 aimag centers and in Ulaanbaatar in accordance with the Universal Design, Construction Code, MNS standard and relevant laws, procedures and regulations of Mongolia, and other international standards set in the Contract document.

C. RESPONSIBILITIES AND TASKS TO BE PERFORMED WITHIN THE KEY DUTY

- Review of design drawings, cost estimation, bill of quantities, and technical specification; and making correction, estimation when requires before detailed designs go through State Expertise and EA receives deliverables
- Support EA and PIU to prepare bidding documents to recruit construction firm to build Development Centers in 6 aimag centers like Khovd, Dornod, Darkhan, Khuvsgul, Dundgovi and Arkhangai and Employment Resource Center in Ulaanbaatar
- Support EA and PIU to prepare evaluate bids and select construction firms
- Liaising role in the arrangement for a land permission for construction works and provision technical conditions, work commencement approval in cooperation with the relevant authorities;
- Supervise on site civil work activities, ensures best quality of construction practices; and review acts of exposed and concealed works that verified with photo pictures as well as each stage of civil work performance;
- Review performance of each stage of civil works and invoices against progress, progress payments;
- Liaison of Land acquisition activities in accordance with the laws and regulations;

- Ensure the contractors' labor safety and safety protection
- Supervise performance of civil works, reconstruction and rehabilitation activities, including road cleavage, pipeline installation and connection, and re-planting of temporarily removed plant trees;
- Ensure that the Contractor prepares all necessary as-built drawings at each stage of construction if performance alters from original design and get approved by a design author;
- Cooperate with design author on civil work process, and review correcting conflicts and deficiencies as requires;
- Supervise for contractor supplies material items that meet technical specification, standards, norms, procedures, delivery and installation work design requirements of construction and get approved by laboratory analyses and certify work related documents for approval;
- Coordinate all issues related to commencement, proceedings, completion, and commission of civil works.
- Provide the project implementation supervision unit engineers with professional guidance during construction works as required.
- Review performance of construction schedules of contractors and prepare and present construction progress reports; and
- Perform other works as necessary.